

FIG.1

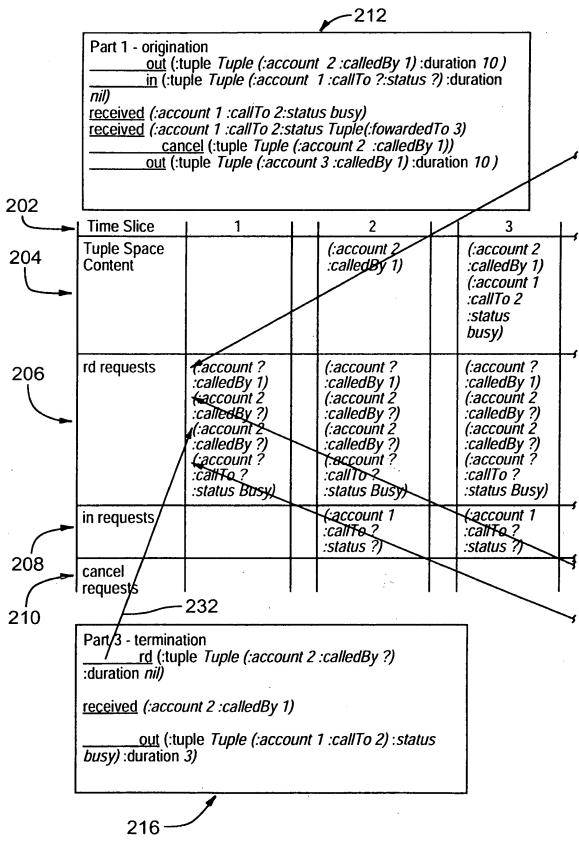
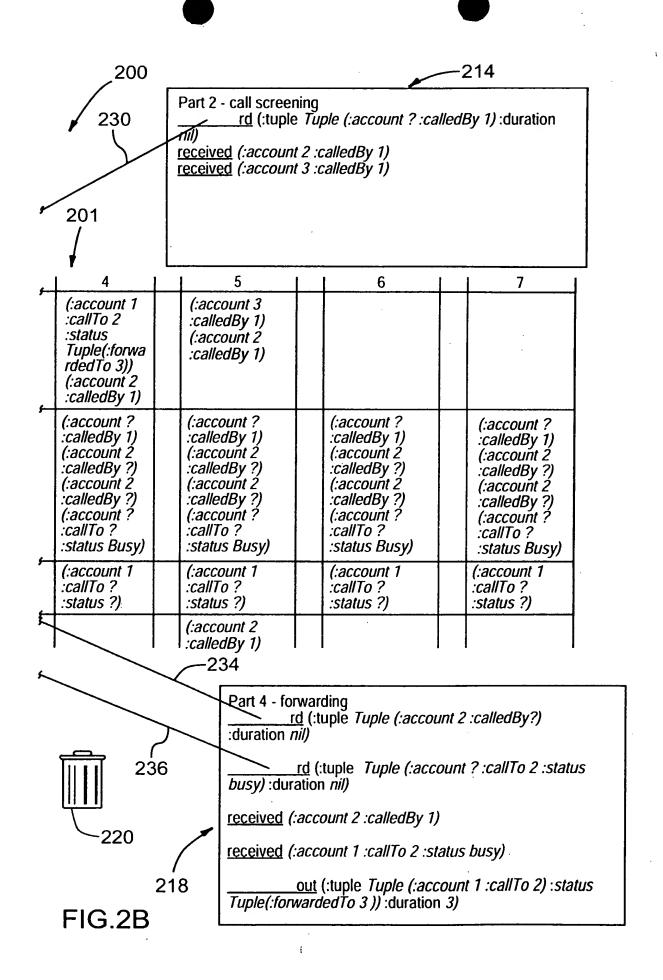


FIG.2A



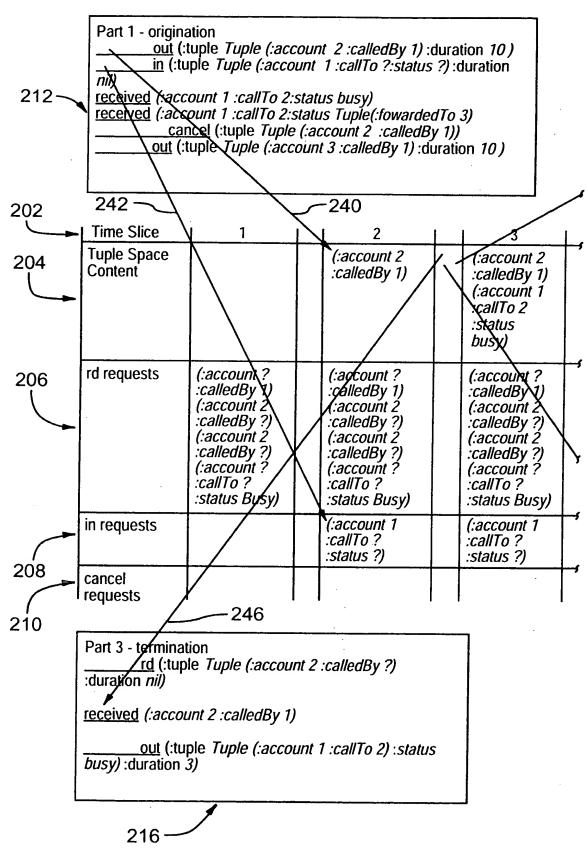
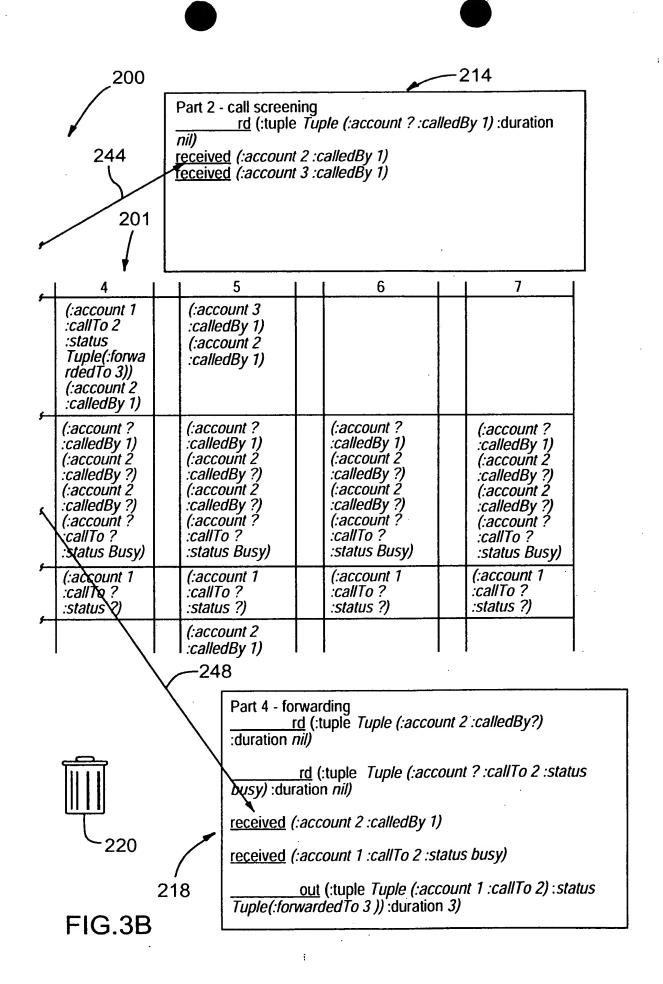


FIG.3A



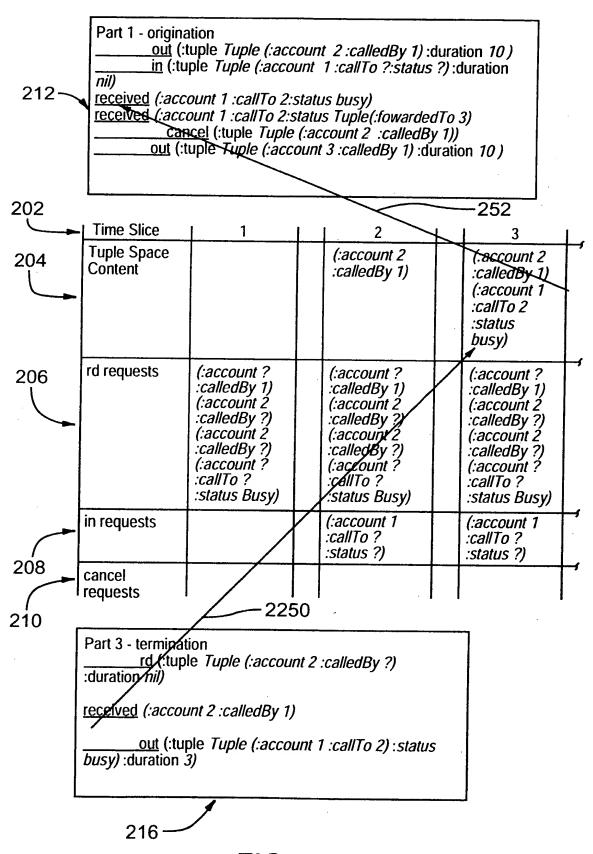
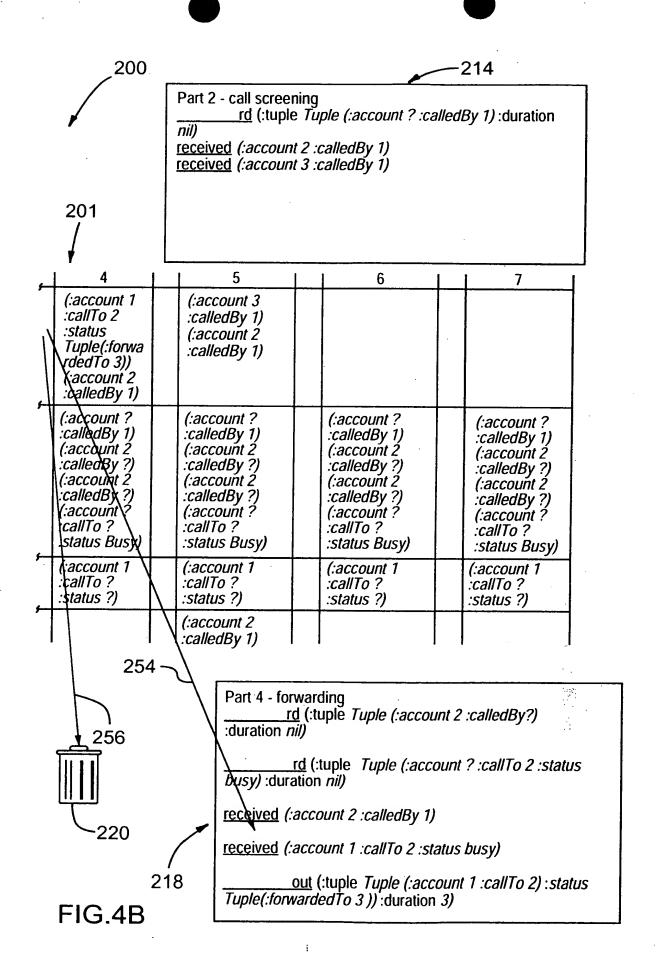


FIG.4A



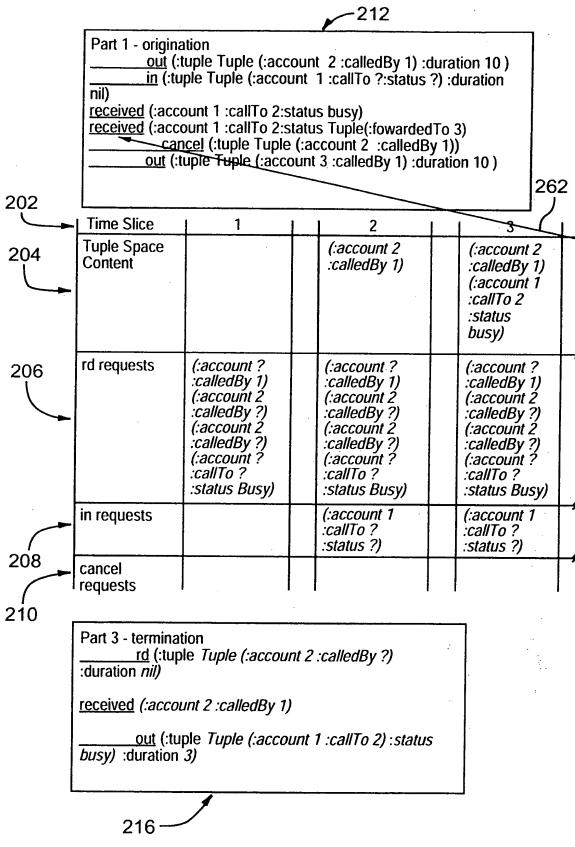
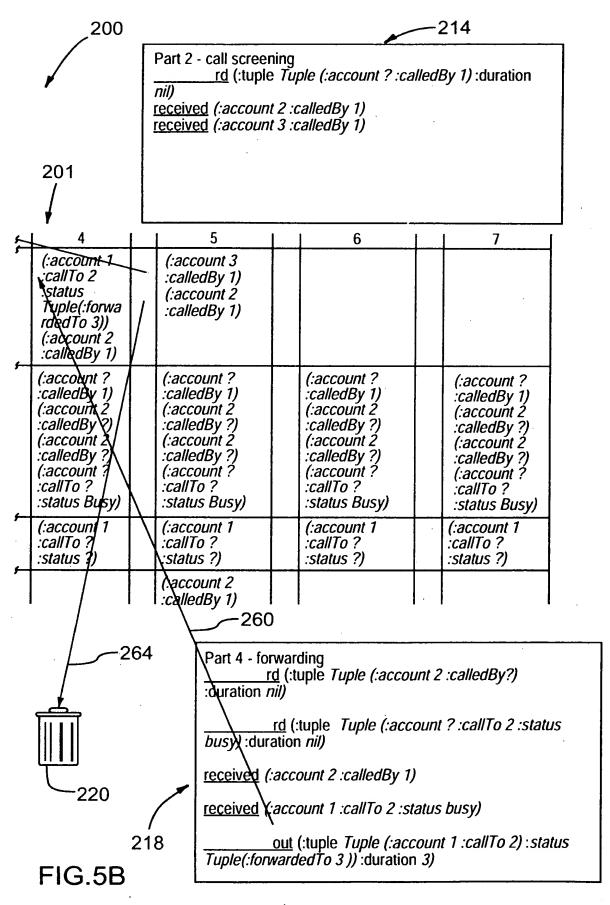


FIG.5A



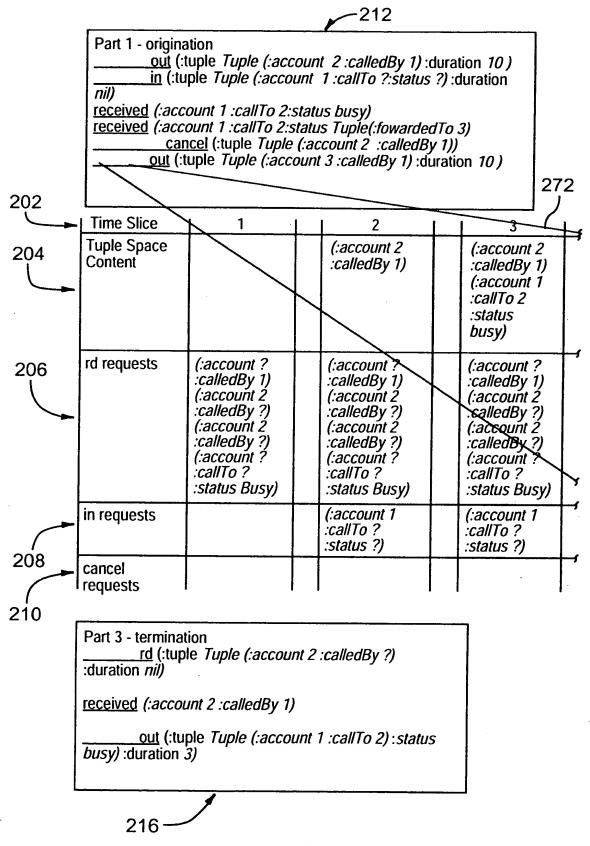
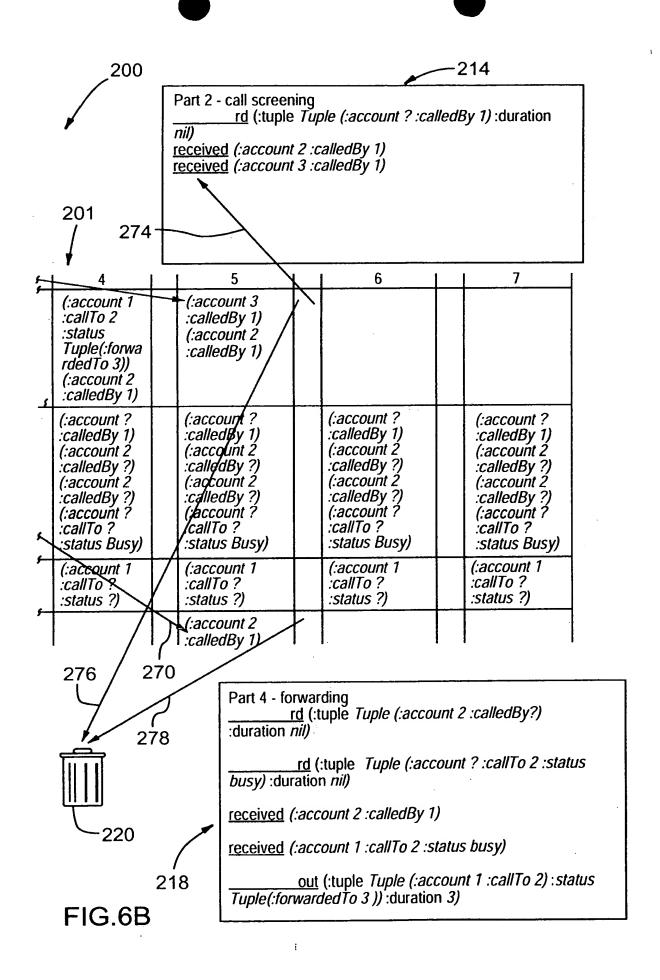
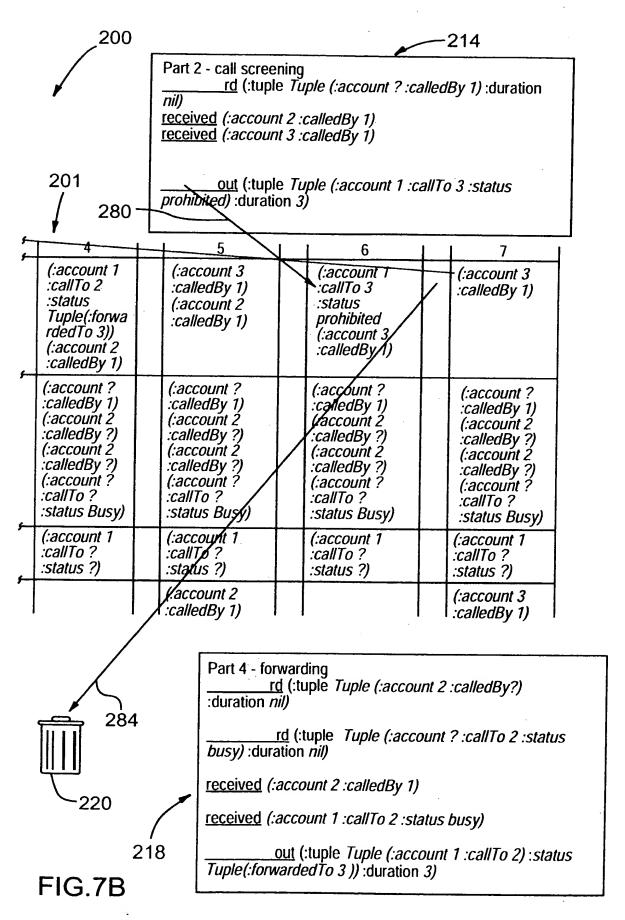


FIG.6A



212 Part 1 - origination out (:tuple Tuple (:account 2 :calledBy 1) :duration 10) in (:tuple Tuple (:account 1 :callTo ?:status ?) :duration nil) received (:account 1 :callTo 2:status busy)
received (:account 1 :callTo 2:status Tuple(:fowardedTo 3) cancel (:tuple Tuple (:account 2 :calledBy 1)) out (:tuple Tuple (:account 3 :calledBy 1) :duration 10) 282 received (:account 1 :callTo 3:status prohibited) cancel (:tuple Tuple (:account 3 :calledBy 1)) 202 Time Slice 2 3 **Tuple Space** (:account 2 (:account 2 204 Content :calledBy 1) :calledBy 1) (:account 1 :callTo 2 :status busy) rd requests (:account ?: (:account ? (:account ? 206 :calledBy 1) :calledBy 1) :calledBy 1) (:account 2 (:account 2 (:account 2 :calledBy ?) (:account 2 :calledBy ?) (:account 2 :calledBy ?) (:account 2 :calledBy ?) :calledBy ?) :calledBy ?) (:account ? (:account ? (:account ? :callTo ? :callTo ? :callTo ? :status Busy) :status Busy) :status Busy) (:account 1 in requests (:account 1 (:account 1 :callTo ? :callTo ? :callTo ? :status ?) :status ?) :status ?) 208 cancel requests 210 Part 3 - termination <u>rd</u> (:tuple *Tuple (:account 2 :calledBy ?)* :duration *nil*) received (:account 2 :calledBy 1) out (:tuple Tuple (:account 1 :callTo 2) :status busy):duration 3) 216

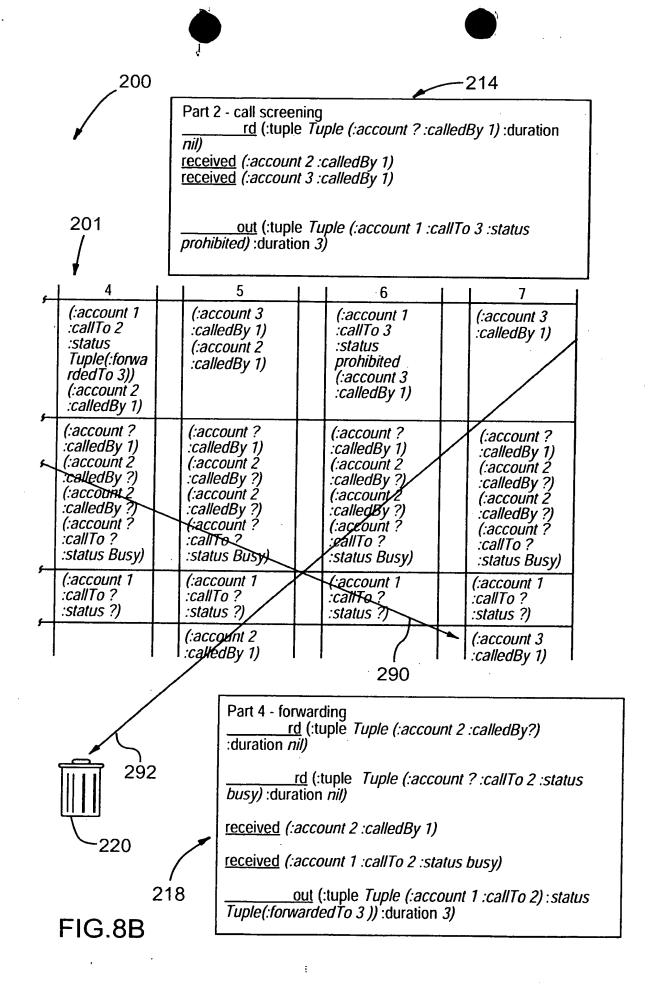
FIG.7A



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212 Part 1 - origination out (:tuple *Tuple (:account 2 :calledBy 1)* :duration 10) in (:tuple *Tuple (:account 1 :callTo ?:status ?*) :duration nil) received (:account 1 :callTo 2:status busy) received (:account 1 :callTo 2:status Tuplé(:fowardedTo 3) cancel (:tuple Tuple (:account 2 :calledBy 1)) out (:tuple Tuple (:account 3 :calledBy 1) :duration 10) received (:account 1 :callTo 3:status prohibited) cancel (:tuple Tuple (:account 3 :calledBy 1)) 202 Time Slice 3 Tuple Space (:account 2 (:account 2 204 Content :calledBy 1) :calledBy 1) (:account 1 :callTo 2 :status busy) rd requests (:account ? (:account ? (:account ? 206 :calledBy 1) (:account 2 :calledBy 1) :calledBy 1) (:account 2 (:account 2 :calledBy ?) (:account 2 :calledBy ?) :calledBy ?) (:account 2 (:account 2 :calledBy ?) (:account ? :calledBy ?) (:account ? :calledBy ?) (:account ? :callTo ? :callTo ? :callTo ? :status Busy) :status Busy) :status Busy) (:account 1 (:account 1 (:account 1 in requests :callTo ? :callTo ? :callTo ? :status ?) :status ?) :status ?) 208 cancel requests 210 Part 3 - termination <u>rd</u> (:tuple *Tuple (:account 2 :calledBy ?)* :duration nil) received (:account 2 :calledBy 1) out (:tuple Tuple (:account 1 :callTo 2) :status busy):duration 3) 216

FIG.8A



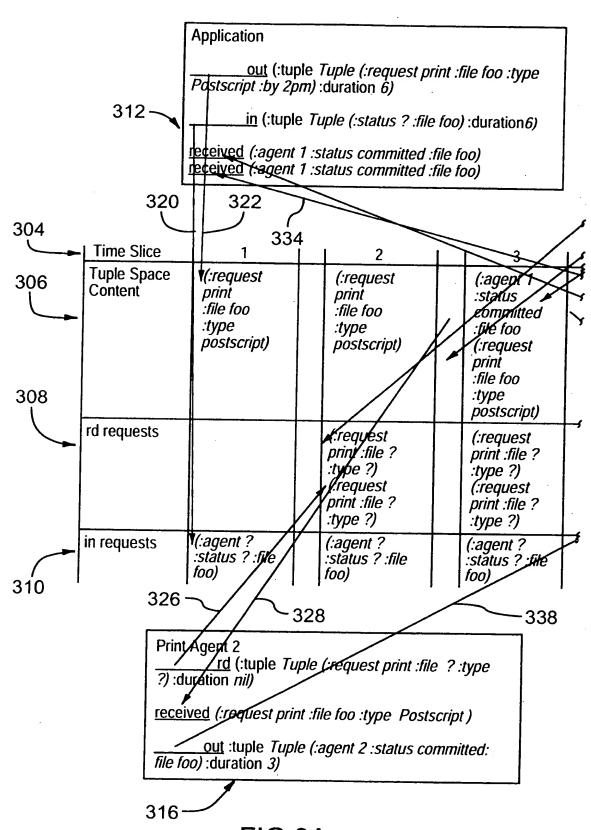


FIG.9A

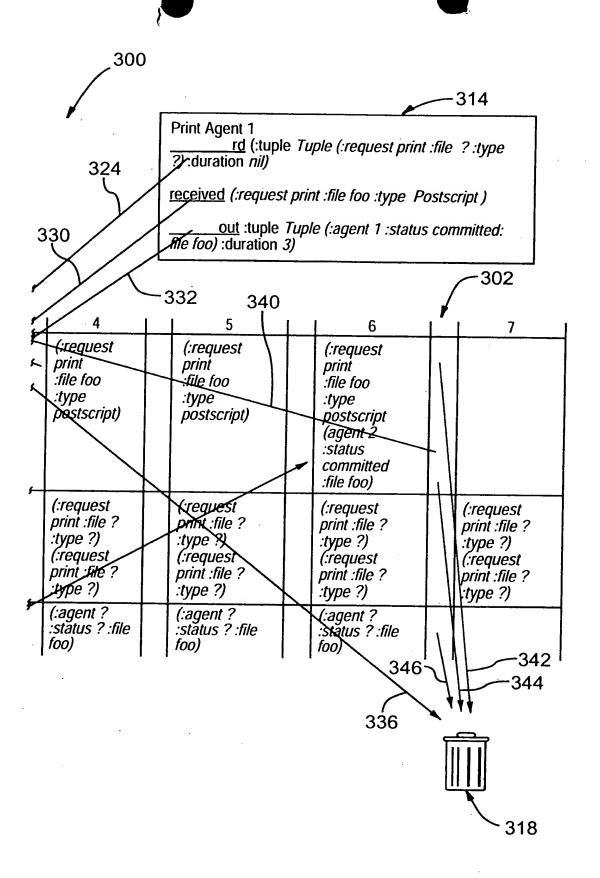


FIG.9B